

Abstract of the Disclosure

Plasma Display Panels (PDP) are becoming more and more interesting for TV technology. Due to the larger size of PDPs, with
5 larger viewing angle the large area flicker effect will become more serious in the future, in particular when handling 50Hz video standards. This invention proposes a different sub-field organisation, with different coding, which reduces large area flicker artefact, and which is characterised by:

- 10 1. Grouping of sub-fields (SF) in 2 sub-field groups (G1, G2), of similar structure.
- 15 2. Adjusting the starting times of the two sub-field groups to a time raster corresponding to a doubling of the frame repetition rate by adding a first blanking period of a first dedicated length behind the last sub-field of the first sub-field group and a second blanking period of a
20 second dedicated length behind the last sub-field of the second sub-field group.